



SEQUENCE LISTING

<110> Yerramilli, Subrahmanyam V.  
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Goguen, Jon  
Weissman, Sherman M.

<120> A PROCESS TO STUDY CHANGES IN GENE EXPRESSION IN  
GRANULOCYTIC CELLS

<130> 44921-5016-US

<140> Continuation of PCT/US98/17284

<141> 1998-08-21

<150> PCT/US98/17284

<151> 1998-08-21

<150> 60/056,844

<151> 1997-08-22

<160> 66

<170> PatentIn Ver. 2.0

<210> 1

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 1

ctctcaagga tctaccgct

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<210> 2

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

<400> 2

cagggtagac gacgctacgc

20

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Primer  
  
 <400> 3  
 taataaccgcg ccacatagca 20  
  
 <210> 4  
  
 <211> 55  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: Primer  
  
 <220>  
 <221> variation  
 <222> (55)  
 <223> v = a or c or g.  
  
 <400> 4  
 acgtaatacgc actcactata gggcgaattg ggtcgacttt tttttttttt ttttv 55  
  
 <210> 5  
 <211> 40  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: Primer  
  
 <400> 5  
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 <210> 6  
 <211> 40  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: Primer  
  
 <400> 6  
 taataaccgcg ccacatagca tttttttttt ttttttttcg 40  
  
 <210> 7  
 <211> 40  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: Primer

<400> 7  
cagggtagac gacgctacgc tttttttttt ttttttttga 40

<210> 8  
<211> 25  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Adapter

<400> 8  
tagcgtccgg cgcagcgacg gccag 25

<210> 9  
<211> 29  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Adapter

<400> 9  
gatcctggcc gtcggctgtc tgtcggcgc 29

<210> 10  
<211> 40  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<220>  
<221> variation  
<222> (39)..(40)  
<223> v at position 39 = a or c or g;  
n at position 40 = a or c or g or t.

<400> 10  
tgaagccgag acgtcggtcg tttttttttt ttttttttn 40

<210> 11  
<211> 52  
<212> DNA  
<213> Homo sapiens

<400> 11  
tctcagtgag ctgagatcac accactgcac tccaactggg cgacagagca ag 52

<210> 12  
<211> 51

<212> DNA  
<213> Homo sapiens

<400> 12  
cactttccccc aaattctttt gccatagttc actctctact gataaggcca c 51

<210> 13  
<211> 111  
<212> DNA  
<213> Homo sapiens

<400> 13  
gggaaagtgg tgggggtggtg aggggtcaatg tgcagaaaat cgatgtaact tgtaatacag 60  
ttgagtcaac tgtgtgttca caacaactct gagagttaac accatttcta c 111

<210> 14  
<211> 166  
<212> DNA  
<213> Homo sapiens

<400> 14  
atctaaatat ttttcatacc gagttattaa ggagtcagta gtctgtgcta caatgctgca 60  
aaaagcatca cgtggaagaa tgggaactat gcgtacttta tgaagtgatg tataacacaa 120  
tgaactctgt tttacaacta cagtgtctgca ttcaattatc ttccat 166

<210> 15  
<211> 271  
<212> DNA  
<213> Homo sapiens

<400> 15  
aagctctgta tacaaaagtt atttatattag atgttcgagg catgtctctc ctcacctgta 60  
aactaactgt tttataacag cttgtatcac atgtgtgaag ttaatgaatg taatactcca 120  
acaagccatt catcagattg gccaacagct aggatacagt taaataatgg cgaccagggtt 180  
gacaagtcac aattgcggtt tgggggaccg tagttgcacc tcacctagac caacgtacgc 240  
atggcactcg acccaggcga acaaaattaa t 271

<210> 16  
<211> 350  
<212> DNA  
<213> Homo sapiens

<400> 16  
tttctcaaga agagataaga atgaaaagtc atagaacaca tcatggagga cctggacaca 60  
aatgcagaca agcagctgag cttcgaggag ttcatcatgc tgatggcgag gctaacctgg 120  
gcctcccacg agaagatgca cgagggtgac gatggccctg gccaccacca taagccaggc 180  
ctcggggagg gcacccccta agaccacagt ggacaagatc acagtggcca cggacacggc 240  
cacagtcatg gtggccacgg ccacagccac taatcaggag gccaggccac cctgcctcta 300  
cccaaccagg gccccggggc ctgttatgtc aaactgtctt ggctgtgggg 350

<210> 17  
<211> 455

<212> DNA  
<213> Homo sapiens

<220>  
<221> unsure  
<222> (1)..(29)  
<223> n = a or c or g or t.

<400> 17  
ngatcttttct aggagggaga cactggccnc tcaaatcgtc cagcgacctt cctcatccac 60  
cccatccctc cccagttcat tgcactttga ttagcagcgg aacaaggagt cagacatttt 120  
aagatgggtgg cagtagaggc tatggacagg gcatgccacg tgggctcata tggggctggg 180  
agtagttgtc tttcctggca ctaacgttga gcccctggag gcactgaagt gcttagtgta 240  
cttgaggtat tggggctctga ccccaaacac cttccagctc ctgtaacata ctggcctgga 300  
ctgttttctc tcgggtcccc atgtgtcctg gttcccgttt ctccacctag actgtgaacc 360  
tctcgagggc agggaccaca ccctgtactg ttctgtgtct ttcacagctc ctcccacaat 420  
gctgaatata cagcaggtgc tcaataaatg attct 455

<210> 18  
<211> 35  
<212> DNA  
<213> Homo sapiens

<400> 18  
gcaagtgtgt tgtgttacag tgtcacaaca ccgag 35

<210> 19  
<211> 71  
<212> DNA  
<213> Homo sapiens

<400> 19  
gatctctccc tacgcaaaac gtattgtagt gaaaggggtct tctttactac cttaataaaa 60  
cagctagtgt g 71

<210> 20  
<211> 78  
<212> DNA  
<213> Homo sapiens

<400> 20  
gatctaaata caaaggatat acagtcttga atctaaaata atttgctaac tatttttgatt 60  
cttcagagag aactacta 78

<210> 21  
<211> 98  
<212> DNA  
<213> Homo sapiens

<400> 21  
gatctagtcc ggacatgctg tgtatattgt aacgttaaata gaaaaaagaa cccccctttg 60  
tattatagtc atgcggtctt atgtatgata aacagttg 98

<210> 22  
<211> 114  
<212> DNA  
<213> Homo sapiens

<400> 22  
gatcttttgt agtcacctct gtatcttatg tctgggtgag gggtgctttt acttgtcttg 60  
catttgcatt caatgatctt tcagtcatgt cagttagact aaaaattatt tctg 114

<210> 23  
<211> 122  
<212> DNA  
<213> Homo sapiens

<400> 23  
ccaagcccc ttggacactg cagctctttt cagtttttgc ttacacacaa ttcattcttt 60  
gcagctaatt aagccgaaga agcgtgggaa tcaagtttg aacagagatt aaaaaagttc 120  
tt 122

<210> 24  
<211> 123  
<212> DNA  
<213> Homo sapiens

<400> 24  
gtcttgagg acaatccagg aactacatta cctggactgt atgctgggtca tttctacaga 60  
cagcattcag tatttgagtg tacggttaact gtctgggggtg attcctataa gatcattata 120  
ctg 123

<210> 25  
<211> 151  
<212> DNA  
<213> Homo sapiens

<400> 25  
gatctttctc cttgaatata tttcgataaa caacaagggtg gtgtgatctt aatatatttg 60  
aaaaaaactt cattctcgtg agtcatttaa atgtgtacaa tgtacacact ggtacttaga 120  
gtttctggtt gattcttttt taataaacta c 151

<210> 26  
<211> 92  
<212> DNA  
<213> Homo sapiens

<400> 26  
tgtcactcat gccctgggac tgcttctcca gccaggcggg cgccatacgt cccacactag 60  
tgaagggtcaa tgtctcagaa caacacctct at 92

<210> 27  
<211> 162  
<212> DNA  
<213> Homo sapiens

<400> 27  
 gatctggcct gttcctgcgt ctgcggagca ggccttgtct cccagctatc tataacctta 60  
 cctagagtgt cgacttgtgg gttcctgttg ctgagacttc ctggatggag ccgccctcac 120  
 cgccggaccc gtagcactgc gcggaactgt gtccaataaa gt 166

<210> 28  
 <211> 166  
 <212> DNA  
 <213> Homo sapiens

<400> 28  
 gatctgattt gctagttcct ccttgtagag ttataaatgg aaagattaca ctatctgatt 60  
 aatagtttct tcatactctg catataattt gtggctgcag aatattgtaa tttgttgcac 120  
 actatgtaac aaaacaactg aagatatgtt taataaatat tgtact 166

<210> 29  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<400> 29  
 gatctttatg agagcagtat tttctgtgtt ttctttttaa ttacagcct ttcttatttt 60  
 gatatttttt taatgttggt gatgaatgcc agctttcaga cagagccac ttagcttgct 120  
 cacatggatc tcaatgccaa tcctccattc ttctctcca gatatttttg ggagtgcaca 180  
 acattctctc atcctactta gcctacctag atttctcatg acgagttaat gcatgtccgt 240  
 ggttgggtgc acctgtagtt ctgtttattg gtca 274

<210> 30  
 <211> 279  
 <212> DNA  
 <213> Homo sapiens

<400> 30  
 gatctaagtt agtccaaaag ctaaatgatt taaagtcaag ttgtaatgct aggcataagc 60  
 actctataat acattaaatt ataggccgag caattaggga atgtttctga aacattaaac 120  
 ttgtattttat gtcactaaaa ttctaacaca aacttaaaaa atgtgtctca tacatatgct 180  
 gtactagggt tcatcatgca tttctaaatt tgtgtatgat ttgaatatat gaaagaattt 240  
 atacacgagt gttattttaa attattaaaa ataaatgta 279

<210> 31  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<400> 31  
 gatcttatag gcctgtctca tcaggttggt gtcagcccag ctaggattag gcagaattgg 60  
 gtgggggctg tagtgactt ttggcacagc atgtacctgt ctgactaatt ctctgtcttt 120  
 tctttcctgt tgcaattcat gggctcttagc atcttctgaa tgggtgttag taggtcatcc 180  
 tgttgatttc ctgctaggga gtagcatact ctggctctgt accactggcc aagggactta 240  
 aggatagatg aagggtctga gttttgttaa atggaacaat atgaagaga 289

<210> 32

<211> 151  
 <212> DNA  
 <213> Homo sapiens

<400> 32  
 gatctttctc cttgagatc tttcgataaa caacaaagt gtgtgatctt aatatatttg 60  
 aaaaaaactt cattctcgtg agtcatttaa atgtgtacaa tgtacacact ggtacttaga 120  
 gtttctgttt gattcttttt taataaacta c 151

<210> 33  
 <211> 85  
 <212> DNA  
 <213> Homo sapiens

<400> 33  
 gatctctgct catagaatgc atggggagcc ttccagctca ctctccctga ggactggctt 60  
 gacaggggct atggggtttgc tttgg 85

<210> 34  
 <211> 190  
 <212> DNA  
 <213> Homo sapiens

<400> 34  
 gatctgcgct tccagagcgc agctatcggg gctttgcagg aggcaagtga ggcctatctg 60  
 gttggccttt ttgaagacac caacctgtgt gctatccatg ccaaactgtg aacaattatg 120  
 ccaaaagaca tccagctagc acgccgcata cgtggagaac gtgcttaaga atccactatg 180  
 atgggaaaca 190

<210> 35  
 <211> 242  
 <212> DNA  
 <213> Homo sapiens

<400> 35  
 gatctaaatg tgaacagttt actaatgcac tactgaagtt taaatctgtg gcacaatcaa 60  
 tgtaagcatg gggtttgttt ctctaaattg atttgaatc tgaaattact gaacaactcc 120  
 tattcccatt tttgctaaac tcaatttctg gttttggtat atatccattc cagcttaatg 180  
 cctctaattt taatgccaac aaaattgggt gtaatcaaat tttaaaataa taataatttg 240  
 gc 242

<210> 36  
 <211> 216  
 <212> DNA  
 <213> Homo sapiens

<400> 36  
 gccttttcga tagtttcggg tcaggtaaaa atggcctcct ggcgtaagct tttcaagggtt 60  
 ttttgaggc tttttgtaaa ttgtgatagg aactttggac cttgaactta cgtatcatgt 120  
 ggagaagagc caatttaaca aactaggaag atgaaaaggg aaattgtggc caaaactttg 180  
 ggaaaaggag gttcttaaaa tcagtgtttc cccttt 216



<210> 37  
 <211> 204  
 <212> DNA  
 <213> Homo sapiens

<400> 37  
 gatctatgca caagaacccc ttaccccat gaccaacatc gcagacacat gtgctggcca 60  
 cctgctgagc cccaagtgga acgagacaag cagcccttag cccttcccct ctgcagcttc 120  
 caggctggcg tgcagcatca gcatccctag aaagccatgt gcagccacca gtccattggg 180  
 caggcagatg ttctaataa agct 204

<210> 38  
 <211> 304  
 <212> DNA  
 <213> Homo sapiens

<400> 38  
 gatctttcct cctggttact gtgaagcctg ttggtttgct gctgtcgttt ttgaggaggg 60  
 cccatggggg taggagcagt tgaacctggg acaaacctc acttgagctg tgcctagaca 120  
 atgtgaattc ctgtgttgct aacagaagtg gcctgtaagc tcctgtgctc cggaggggaa 180  
 catttcctgg taggctttga tttttctgtg tgttaaagaa attcaatcta ctcatgatgt 240  
 gtatgcata aaacatttct ggaacatgga tttgtgttca cttaaatgt gaaaataaat 300  
 ccta 304

<210> 39  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 39  
 atctttcctc ctggttactg tgaagcctgt tggtttgctg ctgtcgtttt tgaggagggc 60  
 ccatgggggt aggagcagtt gaacctggga acaaacctc cttgagctgt gcctagacaa 120  
 tgtgaattcc tgtgttgcta acagaagtgg cctgtaagct cctgtgctcc ggaggggaagc 180  
 atttcctggg aggccttgat ttttctgtgt gttaaagaaa ttcaatctac tcatgatgtg 240  
 ttatgcataa aacatttctg gaacatggat ttgtgttcac cttaaatgtg aaaataaatc 300  
 ctattttcta tg 312

<210> 40  
 <211> 355  
 <212> DNA  
 <213> Homo sapiens

<400> 40  
 gatctttggc agcgccattg gactctttgg ggtcatcgtc gcaattcttc atacctccag 60  
 agtgaagatg ggtgactaga tgatatgtgt ggggtggggc gtgcctcact tttatttatt 120  
 gctggttttc ctgggacagc tggagctgtg tcccttaacc ttccagaggc ttgggtgttca 180  
 gggccctccc tgcactcccc tcttgcctgc tgttgatttg gaggcactgc agtccaggcc 240  
 gagtcctcag tgcggggagc aggctgctgc tgctgactct gtgcagctgc gcacctgtgt 300  
 cccccacctc caccctcaac ccatcttcct agtgtttgtg aaataaactt ggtat 355

<210> 41  
 <211> 255

<212> DNA

<213> Homo sapiens

<400> 41

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gatcttccac gtctccatct cagtacacaa tcatttaata tttccctgtc ttacccttat 60
tcaagcaact agaggccaga aaatgggcaa attatcacta acagggtctt gactcagggt 120
ccagtagttc attctaattgc ctagattctt ttgtgggtgt tgctggccca atgagtccct 180
agtcacatcc cctgccagag ggagttcttc ttttgtgaga gacactgtaa acgacacaag 240
agaacaagaa taaaaa 255
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<210> 42

<211> 299

<212> DNA

<213> Homo sapiens

<400> 42

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ttatatattt ttcttaaata tgttttattg tcttctctaa gcaaaaagtt ctttaataaac 60
atagtatttc tctctgcgtc ctatttcatt agtgaagaca tagttcacct aaaatggcat 120
cctgctctga atctagactt tttagaaatg gcatatgttt ttgatgatat gtcaacattc 180
aaaatagtcc taattaaatt gttgggttaa tgtaatgtca actctttata aacttaaata 240
taaacaagta attaaccact ctaagtaata aaacacattt cacctgtgtt ctgagtgtgta 299
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<210> 43

<211> 518

<212> DNA

<213> Homo sapiens

<400> 43

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atgaatcctt gccacctcca cctgcagaac tgttataaat attacaactt gcttttttagc 60
tgatcttcca tcttcaaattg actctttttt ctttatatgt taacatatat aaaatggcaa 120
ctgatagtca attttgatgt ttattcagga actatctgaa atctgctcag agcctatgtg 180
catagatgaa actttttttt aaaaaaagtt atttaacagt aatctattta ctaattatag 240
tacctatctt taaagtatag tacattttac atatgtaaat ggtatgtttc aataatttaa 300
gaactctgaa acaatctaca tatactttatt acccagtaca gttttttttc ccctgaaaag 360
ctgtgtataa aattatgggtg aataaacttt tatgtttcca tttcaaagac cagggtggag 420
aggaataaga gactaagtat atgcttcaag ttttaaatta atacctcagg tattaaaata 480
aatattccaa gtttgtggga aatggggaga ttaaaatg 518
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<210> 44

<211> 332

<212> DNA

<213> Homo sapiens

<400> 44

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ttatgtggcc ttaggtagct gggtgtacat ctttccctaa atcgatccat gttaccacat 60
agtagtttta gtttaggatt cagtaacagt gaagtgttta ctatgtgcaa cgggtattgaa 120
gttcttatga ccacagatca tcagtactgt tgtctcatgt aatgctaaaa ctgaaatggg 180
ccgtgtttgc attgttaaaa atgatgtgtg aaatagaatg agtgctatgg tgttgaaaac 240
tgagtggtcc gttatgagtg ccaaaaatct gtcttgaagg cagctacact ttgaagtggg 300
ctttgaatac ttttaataaa tttattttga ta 332
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<210> 45

<211> 377  
 <212> DNA  
 <213> Homo sapiens

<400> 45  
 taggtgaacc cttattctgc aggggttctcc ctccacacctt aaagaagttc cccttatgtg 60  
 ggttgccctgg tgaatggcct tccttcccgc cagagggcctt gtgaacagac cggagaggac 120  
 agtggattgt ttatactcca gtgtacatag tgtaatgtag cgtggtttaca tgtgtagcct 180  
 atgttgtggg ccatcagccc ctcacattcc tagggggttg agatgctgta cgtggtatgt 240  
 gacaccaaag ccacctctgt catttggtgt gatgtctttt cttggcaaaa gccttggtgta 300  
 tatttgata ttacacattt gtacagaatt ttggaagatt ttcagtctag ttgccaatc 360  
 tggctccttt acaaaag 377

<210> 46  
 <211> 495  
 <212> DNA  
 <213> Homo sapiens

<400> 46  
 agaatctctt atgttctcag aggaagggtg aagaaacat gggcaggagt aggaattgag 60  
 tgataaaca ttgggctaata gaagaaaact tctcttattg ttcagttcat ccagattata 120  
 acttcaatgg gacacttttag accattagac aattgacact ggattaaaca aattcacata 180  
 atgccaaata cacaatgtat ttatagcaac gtataatttg caaagatgga ctttaaaaga 240  
 tgctgtgtaa ctaaactgaa ataattcaat tacttattat ttagaatgtt aaagcttatg 300  
 atagtctttt ctaattctta acactcatac ttgaaatctt tctgagtttc cccagaagag 360  
 aatatgggat tttttttgac atttttgact catttaataa tgctcttggtg tttacctagt 420  
 atatgtagac tttgtcttat gtgtcaaaag tcctaggaaa gtggttgatg tttcttatag 480  
 caattaaaaa ttatt 495

<210> 47  
 <211> 54  
 <212> DNA  
 <213> Homo sapiens

<400> 47  
 atctcagtga gctgagatca caccactgca ctccaactgg gcgacagagc aaga 54

<210> 48  
 <211> 92  
 <212> DNA  
 <213> Homo sapiens

<400> 48  
 gatctgtaat tcagggtgttt tctgtacagc catacgtaga taatgaagcc aaaaggcttt 60  
 taattacacc atggcctaaa ataaattcat ca 92

<210> 49  
 <211> 122  
 <212> DNA  
 <213> Homo sapiens

<400> 49

tatcttttcag ctgagttatt agggagtcac tatctctgtg tacaatgctg caaaaagcat 60  
catgtggaag aatgggaact atgcttacat tatgaagtga tgtataaacac aatgcaaact 120  
tg 122

<210> 50  
<211> 143  
<212> DNA  
<213> Homo sapiens

<400> 50  
gatctttttt cattaaaaa tgttcaatta tcaggccggg tgcagtgggg ctcatgcctg 60  
taatcccaac actttgggag gccgatgcag gccgatcact aggtcagcag atcgagacca 120  
tcctggctaa cacagtgaac cct 143

<210> 51  
<211> 211  
<212> DNA  
<213> Homo sapiens

<400> 51  
gatcttttatt tttagccatg cactgttctg agggaaaatta cctgtcttga ctgccatgtg 60  
ttcatcatct taagtattgt aagctgctat gtatggattt aaaccgtaat catatctttt 120  
tcctatctat ctgaggcact ggtggaataa agaacctgta tattttactt tgttcagat 180  
agtcttgccg catcttgga agttgcagag a 211

<210> 52  
<211> 284  
<212> DNA  
<213> Homo sapiens

<400> 52  
gatcttctgt aagacctgac tggtaagacc atcaccctcg aggtggagcc cagtgcacac 60  
atcgagaatg tcaaggcaaa gatccaagat aagggaaggc tccctcctga tcagcagagg 120  
ttgatctttg ctgggaaaca gctggaagat ggacgcaccc tgtctgacta caacatccag 180  
aaagagtcca ctctgcactt ggctctgcgc ttgagggggg gtgtctaagt ttcccctttt 240  
aagggtttcaa caaatttcat tgcactttcc tttcaataaa gttg 284

<210> 53  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 53  
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cccatggggg taggagcagt tgaacctggg aacaaacctc acttgagctg tgcctagaca 120  
atgtgaattc ctgtgttgct aacagaagtg gcctgtaagc tcctgtgctc cggagggaag 180  
catttctctg taggctttga tttttctgtg tggttaaagaa attcaatcta ctcatgatgt 240  
gttatgcata aaacatttct ggaacatgga tttgtgttca ccttaaagt gaaaataaat 300

<210> 54  
<211> 307  
<212> DNA

<213> Homo sapiens

<400> 54

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tcaccctccc cggaacccac acccttcagg tctcaccct gagacaggag ggaccctctg 180
agatcaggga cccttaggtc tctctgctct ctgattcata gctcaactgg gccccagtt 240
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taaactc 307
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<210> 55

<211> 73

<212> DNA

<213> Homo sapiens

<400> 55

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aacagatatt gtg 73
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<210> 56

<211> 89

<212> DNA

<213> Homo sapiens

<400> 56

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<210> 57

<211> 125

<212> DNA

<213> Homo sapiens

<400> 57

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tgaaa 125
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<210> 58

<211> 132

<212> DNA

<213> Homo sapiens

<400> 58

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aaggagattc tt 132
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<211> 171

<212> DNA

<213> Homo sapiens

<400> 59  
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<213> Homo sapiens

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<221> unsure  
<222> (1)  
<223> n = a or c or g or t.

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<400> 61  
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aagtgttatg taagaagtag tgtcggctgt gtagaaccac tgactacaca ggccgaagt 180  
actgagaact tggacagaaa aaatagccag caagtgtt 218

<210> 62  
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<212> DNA  
<213> Homo sapiens

<400> 62  
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<210> 63  
<211> 106  
<212> DNA  
<213> Homo sapiens

<400> 63  
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ttctctcgtg caaccagttt gccattctc ttctattac ttgctc 106

<210> 64  
<211> 100  
<212> DNA  
<213> Homo sapiens

<400> 64  
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<210> 65  
 <211> 190  
 <212> DNA  
 <213> Homo sapiens

<400> 65  
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 atgggaaaca 190

<210> 66  
 <211> 206  
 <212> DNA  
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<400> 66  
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 ttttaaataa acaactttga tgatgtaact tgaccttcca gagttatgga aattttgtcc 180  
 ccatgtaatg aataaattgt atgtat 206